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CIRCUIT AND METHOD OF CONTROL-LING VEHICLE BATTERY CHARGES

Abstract

Management system for a vehicle with two batteries and method that encompasses a battery (B1) that feeds network charges (1) connected to one of its terminals (2), a generator (G) in the men-tioned network (1), a battery (B2) for a secondary network (3) and start-up functions, and a BCO2 controlled switch which depending on the status of the charge of (B1) and (B2) and the demands of charges C_1, C_2 from networks (1) and (3), enables current flow be-tween networks (1) and (3) in any direction, including a power barrier diode (4) That bridges the mentioned BCO2 switch provid-ing a current flow smaller than the one flowing through the BCO2, when it is closed, and also smaller than the current going from the generator (G) to battery (B1). This method provides energy transference between batteries (B1) and (B2).